

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E61200

**Employer :** Southwest Washington Medical Center

**Worksite :** Main Campus

**Street :** 400 Ne Mother Joseph Pl

**Jurisdiction :** City of Vancouver

**Survey Date :** 8/11/2013

**Survey Type :** Online

**Response Rate :** 47%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 90.8%

**Reported Total Employees at Worksite:** 2,364

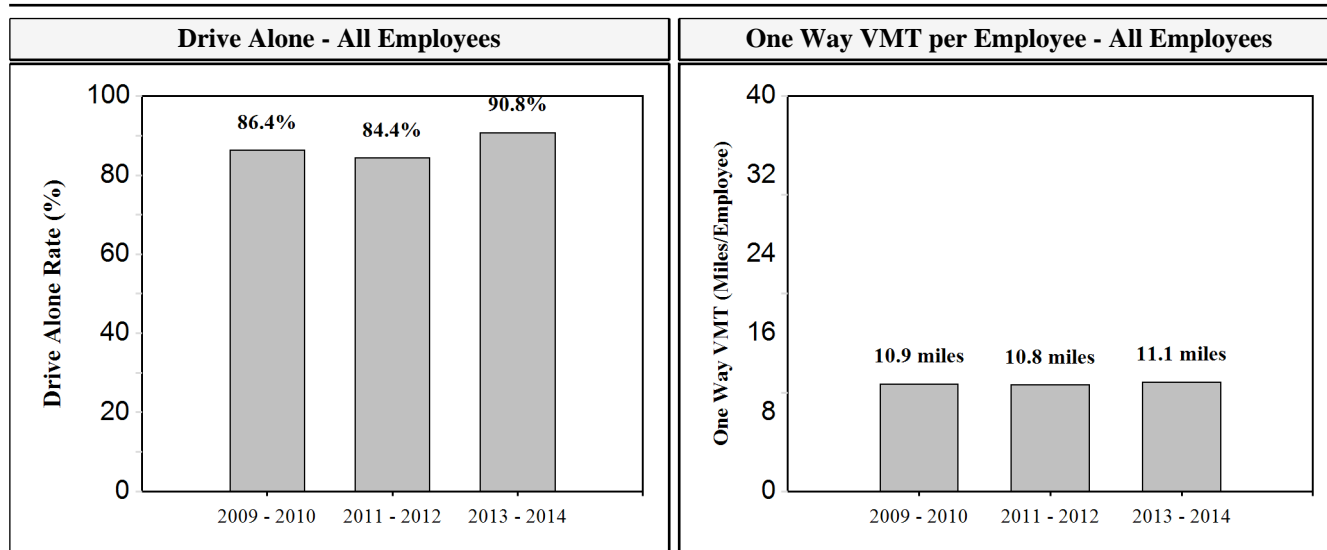
**Surveys Distributed :** 2,364

**One-Way VMT per employee :** 11.1

**Surveys Returned :** 1,100

**Surveys Returned by CTR Affected Employees :** 631

**Total Estimated CTR - Affected Employees at Worksite :** 1,356



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	86.4%	84.5%	10.9	10.5
2011 - 2012	84.4%	82.1%	10.8	10.5
2013 - 2014	90.8%	91.8%	11.1	10.8
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	5.1%	8.6%	1.8%	2.9%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2011 - 2012	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	86.4%	84.4%	90.8%	85.6%
Drive Alone - CTR Affected Employees*	84.5%	82.1%	91.8%	84.3%
VMT/Employee - All Employees	10.9	10.8	11.1	10.6
VMT/Employees - CTR Affected Employees	10.5	10.5	10.8	10.1

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2009 - 2010	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	3,361	3,755	2,309
Estimated Emissions for Total Employment	5,443	4,974	4,962

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	56,516	63,448	58,240
Bus Annual Passenger Miles - Surveyed Employees	34,900	47,900	27,100
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	17,623
Ferry Annual Passenger Miles - Surveyed Employees	0	0	8,200
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	6,755	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	5,100	0

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

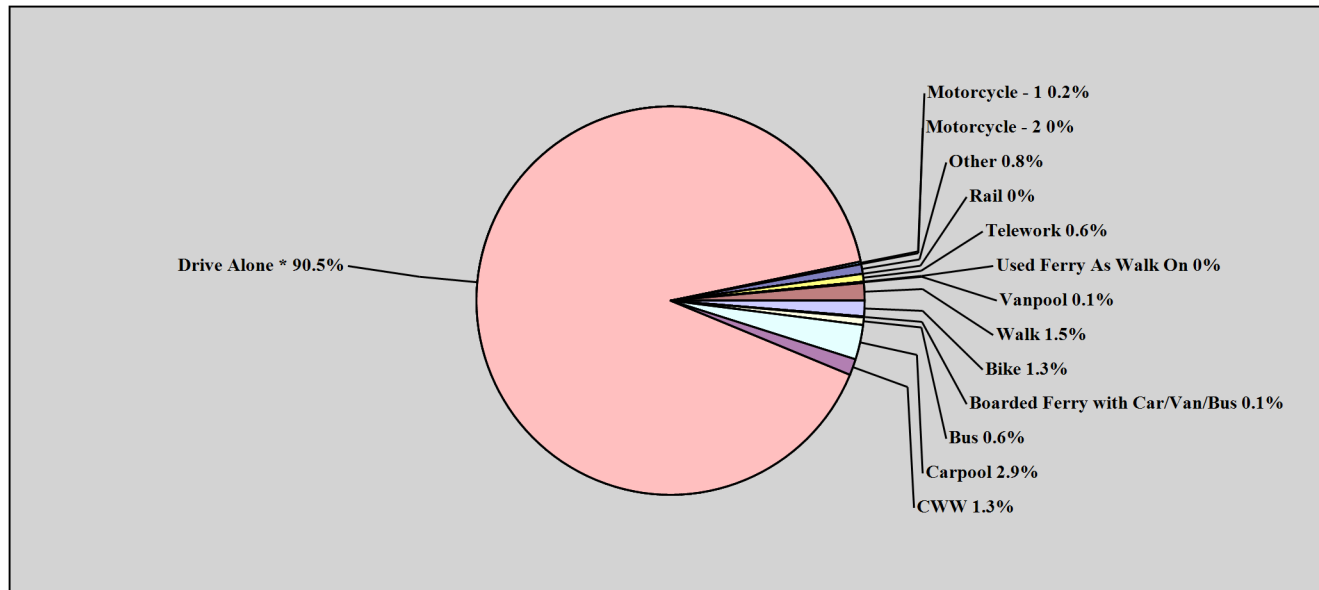
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 12.2 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



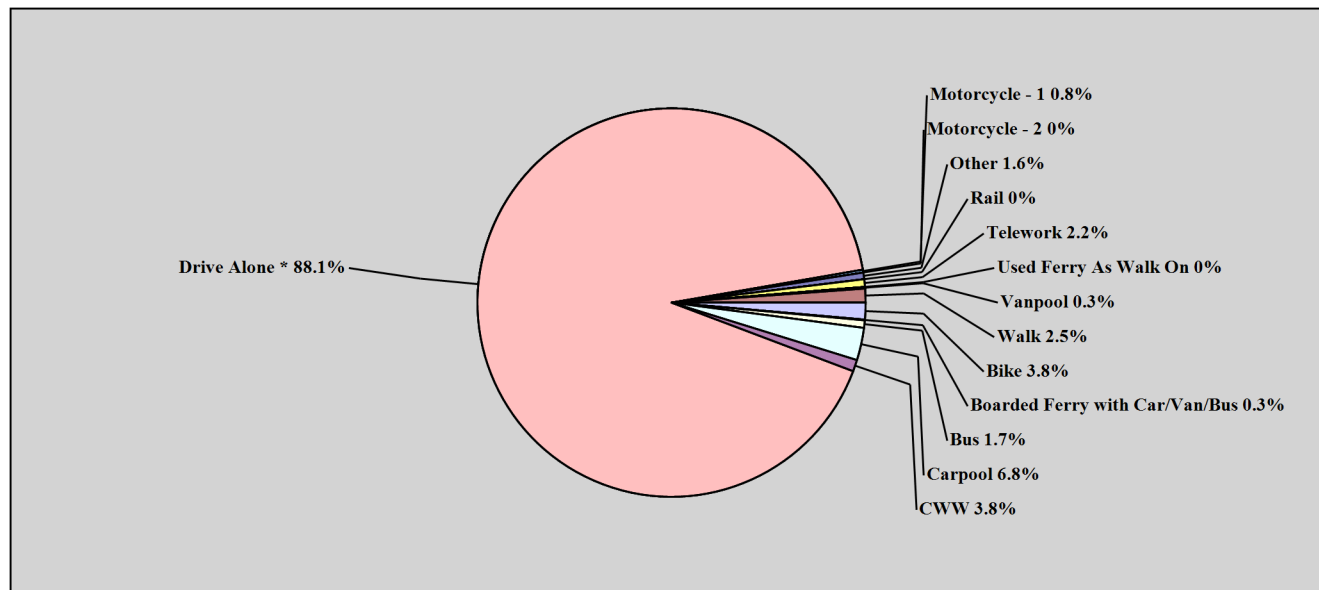
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	6,981	90.5%	83.8%	983	89.4%	86.0%
Carpool	222	2.9%	6.7%	69	6.3%	8.7%
Vanpool	8	0.1%	0.1%	2	0.2%	0.2%
Motorcycle - 1	17	0.2%	0.7%	6	0.5%	0.8%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.3%
Bus	48	0.6%	0.6%	17	1.5%	1.0%
Rail	0	0.0%	0.1%	0	0.0%	0.2%
Bike	100	1.3%	1.4%	31	2.8%	2.0%
Walk	112	1.5%	1.8%	26	2.4%	2.2%
Telework	50	0.6%	1.2%	17	1.5%	1.2%
CWW	104	1.3%	1.4%	39	3.5%	2.1%
Boarded Ferry with Car/Van/Bus	7	0.1%	0.0%	3	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	62	0.8%	2.2%	21	1.9%	2.7%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	5,321	91.5%	81.4%	556	88.1%	86.2%
Carpool	157	2.7%	9.0%	43	6.8%	12.1%
Vanpool	8	0.1%	0.1%	2	0.3%	0.4%
Motorcycle - 1	14	0.2%	0.7%	5	0.8%	1.0%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.4%
Bus	36	0.6%	0.6%	11	1.7%	1.1%
Rail	0	0.0%	0.1%	0	0.0%	0.3%
Bike	81	1.4%	1.9%	24	3.8%	3.1%
Walk	67	1.2%	1.9%	16	2.5%	2.5%
Telework	37	0.6%	1.9%	14	2.2%	2.1%
CWW	56	1.0%	1.1%	24	3.8%	2.4%
Boarded Ferry with Car/Van/Bus	4	0.1%	0.0%	2	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	32	0.6%	1.0%	10	1.6%	1.5%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	898	82%	1,100	100%
1 Days	38	3%	202	18%
2 Days	28	3%	164	15%
3 Days	30	3%	136	12%
4 Days	41	4%	106	10%
5 Days	43	4%	65	6%
6 or More Days	22	2%	22	2%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	308	63.2%	49	10.1%	6	1.2%	26	5.3%	0	0%	0	0%	21	4.3%	2	0.4%	67	13.8%
4 days a week (4/10s)	22	18.5%	77	64.7%	0	0%	0	0%	0	0%	0	0%	6	5%	0	0%	10	8.4%
3 days a week	19	6.1%	194	62.8%	0	0%	12	3.9%	0	0%	0	0%	8	2.6%	3	1%	39	12.6%
9 days in 2 weeks (9/80)	7	25.9%	4	14.8%	0	0%	3	11.1%	0	0%	1	3.7%	1	3.7%	0	0%	6	22.2%
7 days in 2 weeks	3	15%	5	25%	0	0%	0	0%	0	0%	0	0%	0	0%	1	5%	3	15%
Other	23	17.8%	38	29.5%	1	0.8%	2	1.6%	0	0%	0	0%	1	0.8%	3	2.3%	11	8.5%

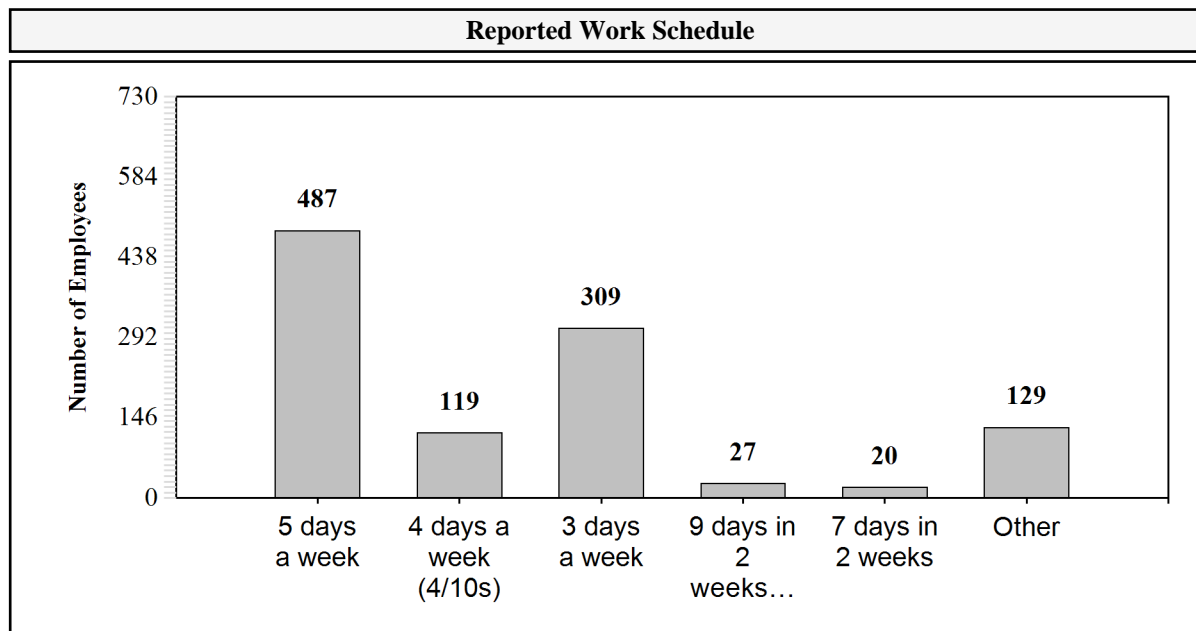
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	21
2	Motorcycle	0
2	Carpool	216
3	Carpool	2
4	Carpool	4
5	Carpool	0
>5	Carpool	0
<5	Vanpool	8
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

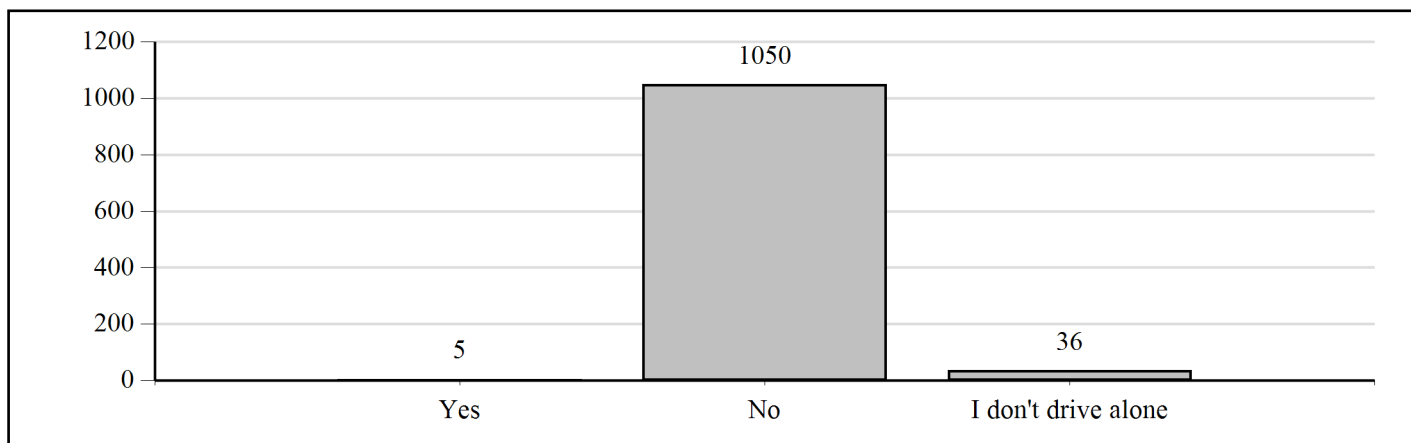
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	487	44.6%
4 days a week (4/10s)	119	10.9%
3 days a week	309	28.3%
9 days in 2 weeks (9/80)	27	2.5%
7 days in 2 weeks	20	1.8%
Other	129	11.8%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	4	0.4%
I don't telework	1017	92.5%
Occasionally, on an as-needed basis	52	4.7%
1-2 days/month	4	0.4%
1 day/week	6	0.5%
2 days/week	3	0.3%
3 days/week	14	1.3%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	249	18.3%
Other	245	18.0%
Financial incentives for carpooling, bicycling or walking.	159	11.7%
Personal health or well-being	157	11.5%
Environmental and community benefits	151	11.1%
Driving myself is not an option	75	5.5%
Emergency ride home is provided	71	5.2%
Free or subsidized bus, train, vanpool pass or fare benefit	62	4.5%
Cost of parking or lack of parking	55	4.0%
Preferred/reserved carpool/vanpool parking is provided	52	3.8%
I have the option of teleworking	42	3.1%
I receive a financial incentive for giving up my parking space	26	1.9%
To save time using the HOV lane	19	1.4%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	671	27.4%
Riding the bus or train is inconvenient or takes too long	552	22.5%
Family care or similar obligations	360	14.7%
Other	328	13.4%
Bicycling or walking isn't safe	196	8.0%
My commute distance is too short	175	7.1%
My job requires me to use my car for work	101	4.1%
I need more information on alternative modes	47	1.9%
There isn't any secure or covered bicycle parking	18	0.7%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	8	0	1	0	0	0	1	0	1	18
2	5	0	0	0	0	0	0	0	1	4
3	3	0	0	0	0	0	0	0	1	4
4	3	0	0	0	0	0	0	0	0	5
5	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	2
11 or more	0	0	0	0	0	0	0	0	0	1
# Of Employees using Transit	22	0	1	0	0	0	1	0	3	35
Total One-Way Transit Trips Per Week	60	0	1	0	0	0	1	0	6	103

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	4	0	0	0	0	0	0	0	1	6
2	2	0	0	0	0	0	0	0	1	3
3	1	0	0	0	0	0	0	0	1	0
4	2	0	0	0	0	0	0	0	0	5
5	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	2
11 or more	0	0	0	0	0	0	0	0	0	1
# Of Employees using Transit	12	0	0	0	0	0	0	0	3	18
Total One-Way Transit Trips Per Week	40	0	0	0	0	0	0	0	6	77

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.18%	3	0	0	0	0	0	0	0	4	0	0	0	0
68685	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
89662	1	0.09%	1	0	0	0	1	0	0	0	0	0	0	0	0
97006	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97007	3	0.27%	10	0	0	0	0	0	0	0	0	0	0	0	0
97015	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97016	1	0.09%	3	0	0	0	0	0	0	0	0	4	0	0	0
97019	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97030	6	0.55%	24	0	0	0	0	0	0	0	3	0	0	0	0
97034	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97045	3	0.27%	7	0	0	0	0	0	0	0	0	0	0	0	0
97048	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97049	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97051	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97055	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
97060	5	0.45%	29	0	0	0	0	0	0	0	0	0	0	0	0
97062	1	0.09%	7	0	0	0	0	0	0	0	0	0	0	0	0
97068	2	0.18%	7	0	0	0	0	0	0	0	0	0	0	0	0
97080	2	0.18%	12	0	0	0	0	0	0	0	0	0	0	0	0
97086	4	0.36%	13	0	0	0	0	0	0	0	0	0	0	0	0
97089	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97112	1	0.09%	1	0	0	0	0	0	0	0	0	3	0	0	1
97113	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97124	2	0.18%	10	0	0	0	0	0	0	0	0	0	0	0	0
97140	1	0.09%	1	0	0	0	0	0	0	0	0	0	0	0	0
97201	2	0.18%	8	0	0	0	0	0	0	0	0	0	0	0	0



97202	5	0.45%	21	0	0	0	0	0	0	0	0	0	0	0	0
97203	7	0.64%	29	0	0	0	0	0	0	0	0	2	0	0	0
97205	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97206	2	0.18%	10	0	0	0	0	0	0	0	0	0	0	0	0
97209	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97211	5	0.45%	25	0	0	0	0	0	0	0	0	0	0	0	0
97212	6	0.55%	18	2	0	0	0	0	1	0	0	4	0	0	0
97213	5	0.45%	27	2	0	0	0	0	0	0	0	0	0	0	0
97214	6	0.55%	25	0	0	0	0	0	0	0	0	0	0	0	0
97215	1	0.09%	0	4	0	0	0	0	1	0	0	0	0	0	0
97217	4	0.36%	19	0	0	0	0	0	0	0	0	0	0	0	0
97219	2	0.18%	4	0	0	0	0	0	0	0	5	0	0	0	0
97220	2	0.18%	11	0	0	0	0	0	0	0	0	0	0	0	0
97224	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97227	1	0.09%	4	0	0	0	0	0	0	0	0	0	0	0	0
97229	2	0.18%	8	0	0	0	0	0	0	0	0	0	0	0	0
97230	2	0.18%	11	0	0	0	0	0	0	0	2	0	0	0	0
97232	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97236	4	0.36%	18	0	0	0	0	0	0	0	0	0	0	0	0
97239	1	0.09%	3	0	0	0	0	0	0	0	0	0	0	0	0
97266	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
97267	3	0.27%	12	0	0	0	0	0	0	0	0	0	0	0	0
97294	1	0.09%	7	0	0	0	0	0	0	0	0	0	0	0	0
97524	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98332	1	0.09%	4	0	0	0	0	0	0	0	0	1	0	0	0
98593	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98596	1	0.09%	5	0	0	0	0	0	0	0	0	0	0	0	0
98601	6	0.55%	25	0	0	0	0	0	0	0	0	0	0	0	0
98604	83	7.55%	331	9	0	3	0	0	1	0	9	12	2	0	9
98606	21	1.91%	76	6	0	0	0	0	0	0	5	8	0	0	0
98607	57	5.18%	222	5	0	0	4	0	1	0	0	5	0	0	7
98616	1	0.09%	0	5	0	0	0	0	0	0	0	0	0	0	0
98625	9	0.82%	31	3	0	0	0	0	0	0	0	4	0	0	0
98626	5	0.45%	17	1	0	0	0	0	0	0	4	0	0	0	0
98629	17	1.55%	63	7	0	2	1	0	0	0	1	0	0	0	0
98632	6	0.55%	19	3	0	1	0	0	0	0	0	4	0	0	0
98639	1	0.09%	3	0	0	0	0	0	0	1	0	0	0	0	0



98642	32	2.91%	126	2	0	0	0	0	0	0	0	0	0	0	0
98648	1	0.09%	2	0	0	0	0	0	0	0	0	0	0	0	0
98660	30	2.73%	110	1	0	0	4	0	7	0	0	7	0	0	0
98661	51	4.64%	187	9	0	0	9	0	12	0	0	0	0	0	11
98662	66	6.00%	254	6	0	3	2	0	20	1	0	6	0	0	7
98663	28	2.55%	100	4	7	1	2	0	4	0	0	4	0	0	1
98664	81	7.36%	192	36	1	2	11	0	31	107	0	0	0	0	2
98665	41	3.73%	170	14	0	0	0	0	2	0	0	2	0	0	1
98668	3	0.27%	13	0	0	0	0	0	0	0	0	0	0	0	0
98671	45	4.09%	198	7	0	3	0	0	0	0	0	0	0	0	0
98672	1	0.09%	6	0	0	0	0	0	0	0	0	0	0	0	0
98674	15	1.36%	59	0	0	0	0	0	0	0	3	0	0	0	0
98675	16	1.45%	64	0	0	0	0	0	0	0	0	4	0	0	0
98682	121	11.00%	477	48	0	2	3	0	5	0	10	18	5	0	9
98683	74	6.73%	287	2	0	4	7	0	3	0	1	9	0	0	9
98684	66	6.00%	271	24	0	0	0	0	3	2	0	1	0	0	2
98685	58	5.27%	236	15	0	0	4	0	4	0	2	4	0	0	0
98686	47	4.27%	187	7	0	0	0	0	5	1	1	2	0	0	0
98687	1	0.09%	7	0	0	0	0	0	0	0	0	0	0	0	0
98984	1	0.09%	6	0	0	0	0	0	0	0	0	0	0	0	0
99223	1	0.09%	0	0	0	0	0	0	0	0	0	0	0	0	3